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ABSTRACT

Data on degrees conferred by Connecticut institutions of higher education for the academic year 1980-1981 are examined. After rising steadily through 1973-1974, the number of degrees conferred stabilized between 26,000 and 27,000; 26,939 degrees were conferred by Connecticut institutions of higher education in 1980-1981. The total number of degrees conferred in 1980-1981 was up from the previous year in all types of institutions except the state colleges, while the number of certificates (339) and associates degrees awarded (5,403) remained stable. The number of bachelors degrees conferred (13,489) increased for the second consecutive year. The peak year was 1974-1975 (14,452). The decline in degrees conferred in education continued, as did growth in awards in business and management. At the master's level, the number of awards rose slightly in 1980-1981 (6,429), the first increase since the peak in 1975-1976 (6,759). Minority students received 5.6 percent of all awards in 1980-1981, increasing from 5.2 percent in 1978-1979. Women received 52.5 percent of all awards in 1980-1981, increasing from 51.6 percent 1 year earlier. In 1980-1981 women received over half the awards at all levels below the doctorate, 34.2 percent of all doctorates, and 33.7 percent of all first-professional degrees. Data are provided for the specific degrees in 1980-1981 by institutions as well as by sector, and trend data on degrees for 1971-1972 to 1980-1981 and degree data by discipline are also included. (SW)

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April 1982

DEGREES CONFERRED BY CONNECTICUT INSTITUTIONS OF HIGHER EDUCATION

1980-81

This report reviews degrees conferred by Connecticut institutions of higher education for the academic year 1980-81. It is an update of an October 1981 BHE report which examined degrees conferred in Connecticut over the ten-year period, 1970-71 to 1979-80.

- 26,939 degrees were conferred by Connecticut institutions of higher education in 1980-81. After rising steadily through 1973-74, the number of degrees conferred has stabilized between 26,000 and 27,000¹ (page 1).
- The total number of degrees conferred in 1980-81 was up from the previous year in all types of institutions except the state colleges (page 5).
- The number of certificates (339) and associates degrees awarded (5,403) remains stable (page 1).
- The number of bachelor's degrees conferred (13,489) increased for the second consecutive year. The peak year was 1973-74 (14,542) (page 1). The decline in degrees conferred in education continues, as does growth in awards in business and management (page 8).
- At the master's level,² the number of awards rose slightly in 1980-81 (6,429), the first increase since the peak in 1975-76 (6,759) (page 1).
- Minority students received 5.6 percent of all awards in 1980-81, increasing from 5.2 percent in 1978-79³ (page 13).

¹Source: HEGIS form 2300-2.1 for the years 1970-71 to 1980-81. Annual degrees conferred data cover a period from July 1 to June 30 of the following year.

²Throughout the report, this includes all other Certificates of Advanced Study.

³Minority refers to Black, Hispanic, Asian and Native American students who are U.S. citizens or permanent residents. Non-minority refers to all other students, including nonresident aliens.

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- Women received 52.5 percent of all awards in 1980-81, increasing from 51.6 percent one year earlier. Women now receive over half the awards at all levels below the doctorate, 34.2 percent of all doctorates and 33.7 percent of all first-professional degrees (page 15).

I. OVERVIEW

Figure 1 shows the ten-year trend in awards by degree level. Table 1 shows awards by institution for 1980-81. Half of all degrees (50.1%) were awarded at the bachelor's level, almost one-quarter at the master's level (23.9%) and another 20 percent at the associates level. Certificates (below associates), doctoral degrees and first-professional degrees together represented only 6.5 percent of all awards in 1980-81.

FIGURE 1
DEGREES CONFERRED BY CONNECTICUT INSTITUTIONS
OF HIGHER EDUCATION BY LEVEL
1971-72 TO 1980-81

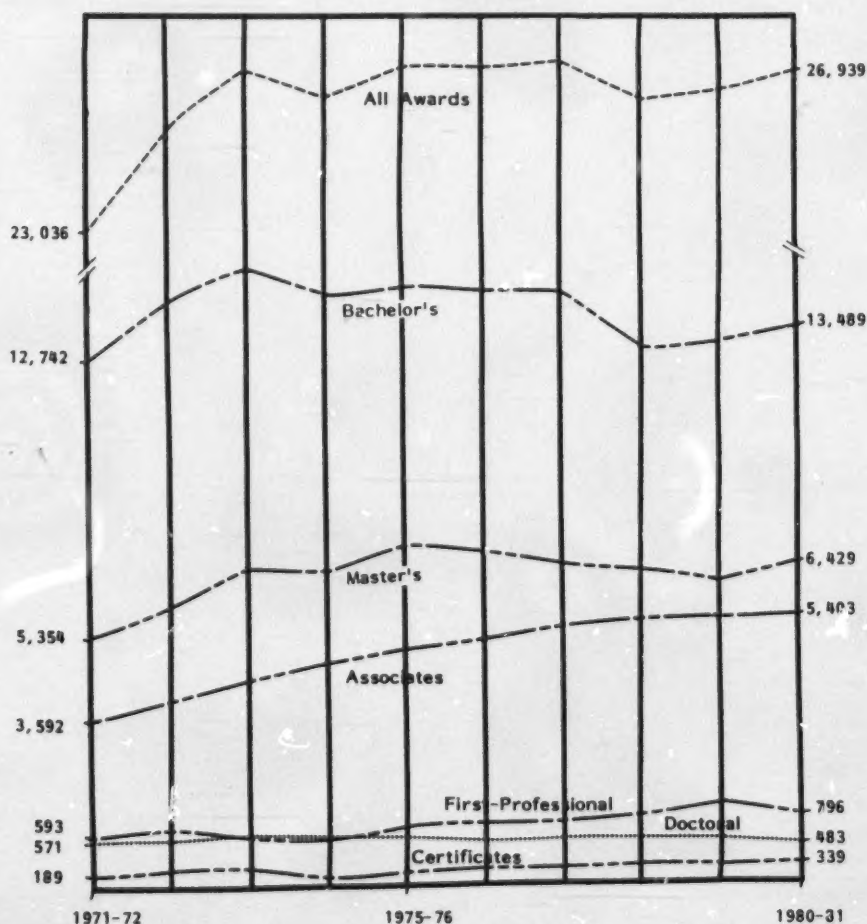


TABLE 1
DEGREES CONFERRED BY CONNECTICUT INSTITUTIONS OF
HIGHER EDUCATION BY INSTITUTION AND LEVEL

1980-81

	CERTIFICATES	ASSOCIATES	BACHELORS	MASTERS	DOCTORAL	FIRST- PROFESSIONAL	TOTAL
INDEPENDENT INSTITUTIONS							
Four-Year National							
Connecticut College	0	0	416	27	0	0	443
Trinity College	0	0	430	63	0	0	493
Wesleyan University	0	0	615	102	6	0	723
Yale University	0	0	1,290	1,170	265	389	3,114
TOTAL	0	0	2,751	1,362	271	389	4,773
Four-Year Regional							
Albertus Magnus College	0	7	108	0	0	0	115
Annhurst	0	0	9	0	0	0	9
Fridgeport Engineering Institute	0	0	34	0	0	0	34
Educational Center Human Dev.	0	0	0	5	0	0	5
Fairfield University	0	0	724	344	0	0	1,068
Hartford Graduate Center	0	0	0	277	0	0	277
Hartford Seminary Foundation	0	0	0	0	7	0	7
Holy Apostles College	0	0	11	0	0	9	20
Post College	0	215	72	0	0	0	287
Quinnipiac College	0	146	470	25	0	0	641
Sacred Heart University	0	139	265	48	0	0	452
St. Alphonsus College	0	0	12	0	0	0	12
St. Basil's College	0	0	3	0	0	0	3
St. Joseph College	0	0	192	0	0	0	192
University of Bridgeport	0	147	505	183	0	103	1,144
University of Hartford	0	193	812	475	0	0	1,480
University of New Haven	0	170	600	552	0	0	1,222
TOTAL	0	1,017	3,817	4,123	7	112	7,076
Two-Year Independent							
Briarwood College	29	108	0	0	0	0	137
Hartford College for Women	0	57	0	0	0	0	57
Katharine Gibbs School, Inc.	5	22	0	0	0	0	27
Mitchell College	0	117	0	0	0	0	117
Mt. Sacred Heart College	0	7	0	0	0	0	7
TOTAL	34	311	0	0	0	0	345
TOTAL, INDEPENDENT INST.	34	1,328	6,568	3,485	278	501	12,194
PUBLIC INSTITUTIONS							
University of Connecticut	41	0	3,087	1,213	205	168	4,708
(Including all 5 branches)	0	0	0	0	0	127	127
UConn Health Center	0	0	0	0	0	0	0
TOTAL	41	0	3,087	1,213	205	295	4,835
State Colleges							
Central Connecticut	0	0	1,375	470	0	0	1,845
Eastern Connecticut	0	14	432	79	0	0	525
Southern Connecticut	0	0	1,228	992	0	0	2,220
Western Connecticut	0	48	528	190	0	0	766
TOTAL	0	62	3,563	1,731	0	0	5,356
Regional Community Colleges							
Asnuntuck	3	103	0	0	0	0	106
Greater Hartford	33	217	0	0	0	0	250
Housatonic	9	180	0	0	0	0	189
Manchester	0	642	0	0	0	0	642
Mattatuck	5	544	0	0	0	0	549
Middlesex	4	300	0	0	0	0	304
Mohegan	2	244	0	0	0	0	246
Northwestern Connecticut	0	177	0	0	0	0	177
Norwalk	15	263	0	0	0	0	278
Quinebaug Valley	8	54	0	0	0	0	62
South Central	3	184	0	0	0	0	187
Tunxis	108	255	0	0	0	0	363
TOTAL	196	3,163	0	0	0	0	3,353
State Technical Colleges							
Greater New Haven	13	34	0	0	0	0	47
Hartford	0	194	0	0	0	0	194
Norwalk	0	171	0	0	0	0	171
Thames Valley	52	174	0	0	0	0	226
Waterbury	9	187	0	0	0	0	196
TOTAL	74	760	0	0	0	0	834
Charter Oak College	0	90	114	0	0	0	204
TOTAL, STATE INST.	305	4,075	6,758	2,944	205	295	14,582
U.S. Coast Guard Academy	0	0	163	0	0	0	163
TOTAL, PUBLIC INST.	305	4,075	6,921	2,944	205	295	14,745
TOTAL, ALL INST.	339	5,403	13,489	6,429	483	796	26,939

*A four-year independent institution is defined as a "national" institution if more than 65 percent of the full-time undergraduates are from out-of-state and total enrollment exceeds 300 students.

Figure 2 shows the ten-year trend in the distribution of degrees awarded by the public and independent sector. The two sectors award a similar number of degrees at the bachelor's, master's, and doctoral/first-professional levels. At the certificates and associates levels, however, 76.3 percent of awards were made by the public sector in 1980-81. The public sector continues to carry the major responsibility for two-year programs in Connecticut.

FIGURE 2

DEGREES CONFERRED BY CONNECTICUT PUBLIC AND INDEPENDENT INSTITUTIONS OF HIGHER EDUCATION BY LEVEL

1971-72 TO 1980-81

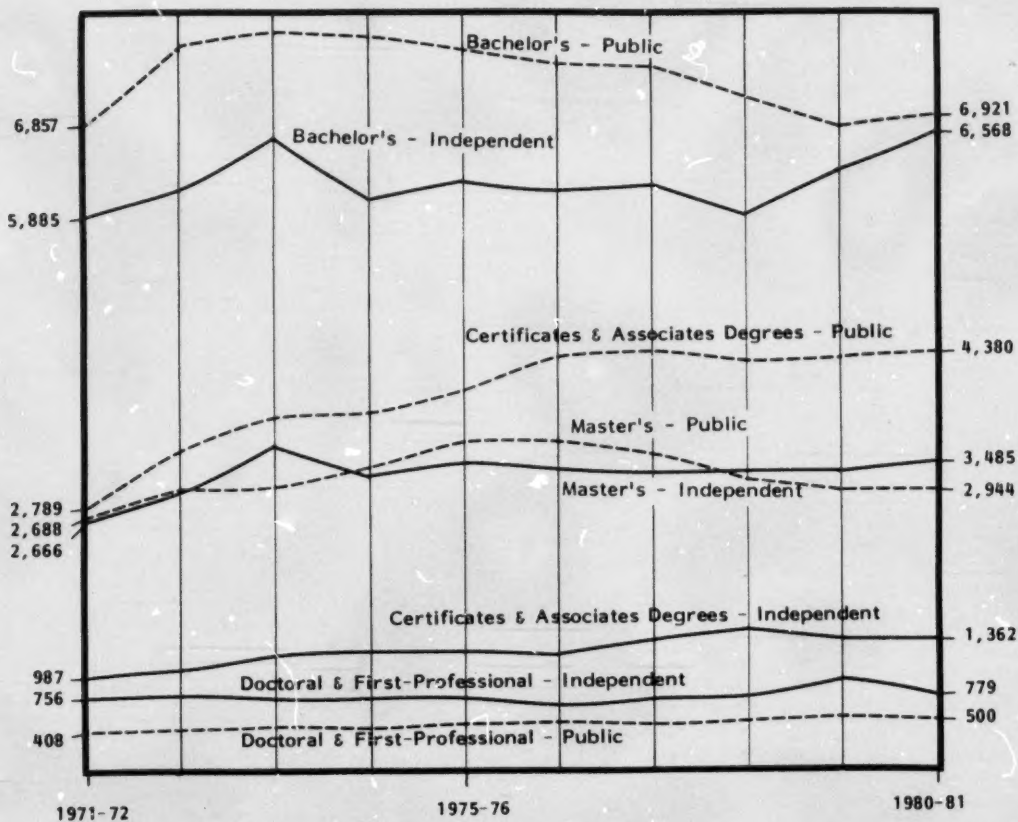
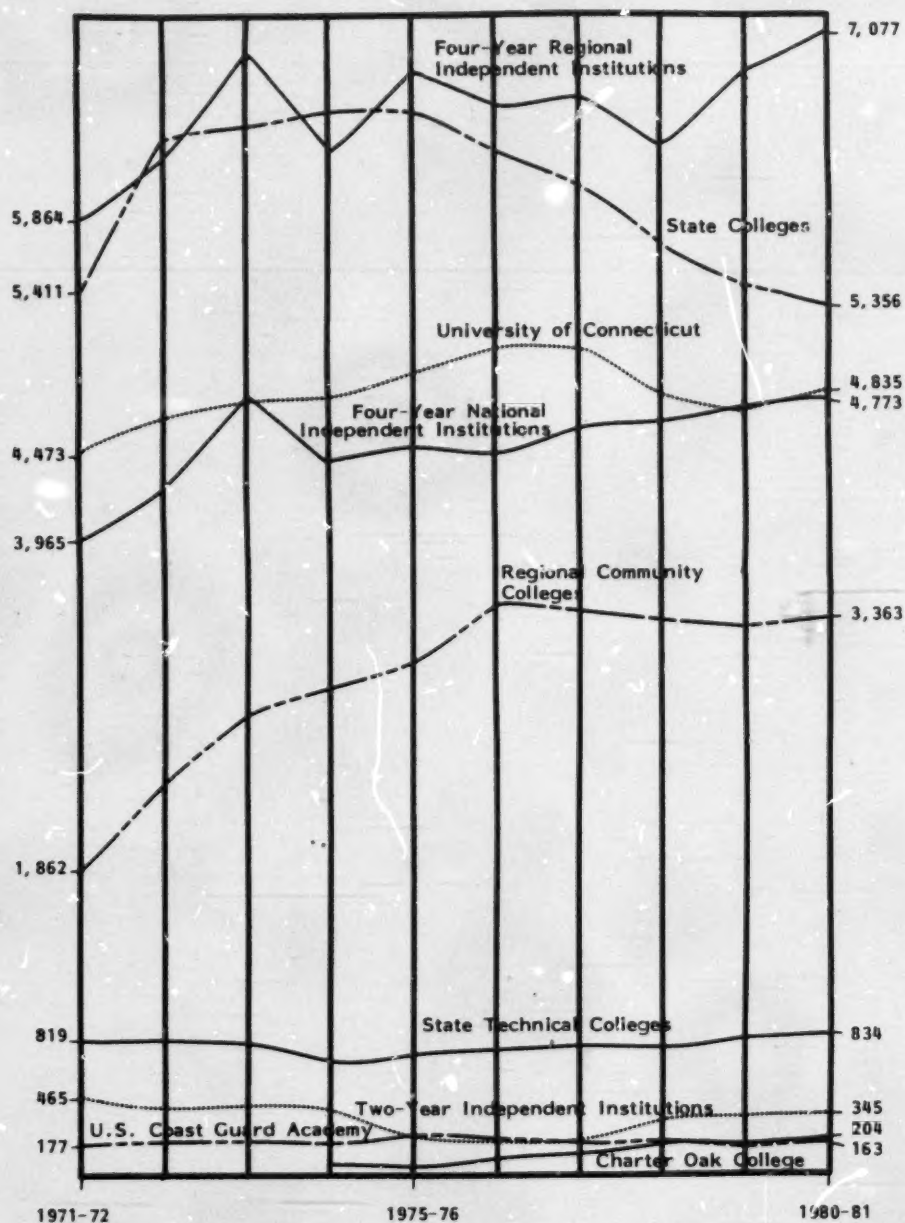


Figure 3 shows the ten-year trend in degrees conferred by type of institution. The number of degrees conferred in 1980-81 increased in all types of institutions except the state colleges. The four-year regional institutions continued to award the most degrees, 26.3 percent of all awards in 1980-81.

FIGURE 3
DEGREES CONFERRED BY CONNECTICUT INSTITUTIONS
OF HIGHER EDUCATION BY TYPE OF INSTITUTION

1971-72 TO 1980-81



II. AWARDS BY DISCIPLINE

As significant as changes in the total number of awards is the shift in awards among disciplines at each level of study.

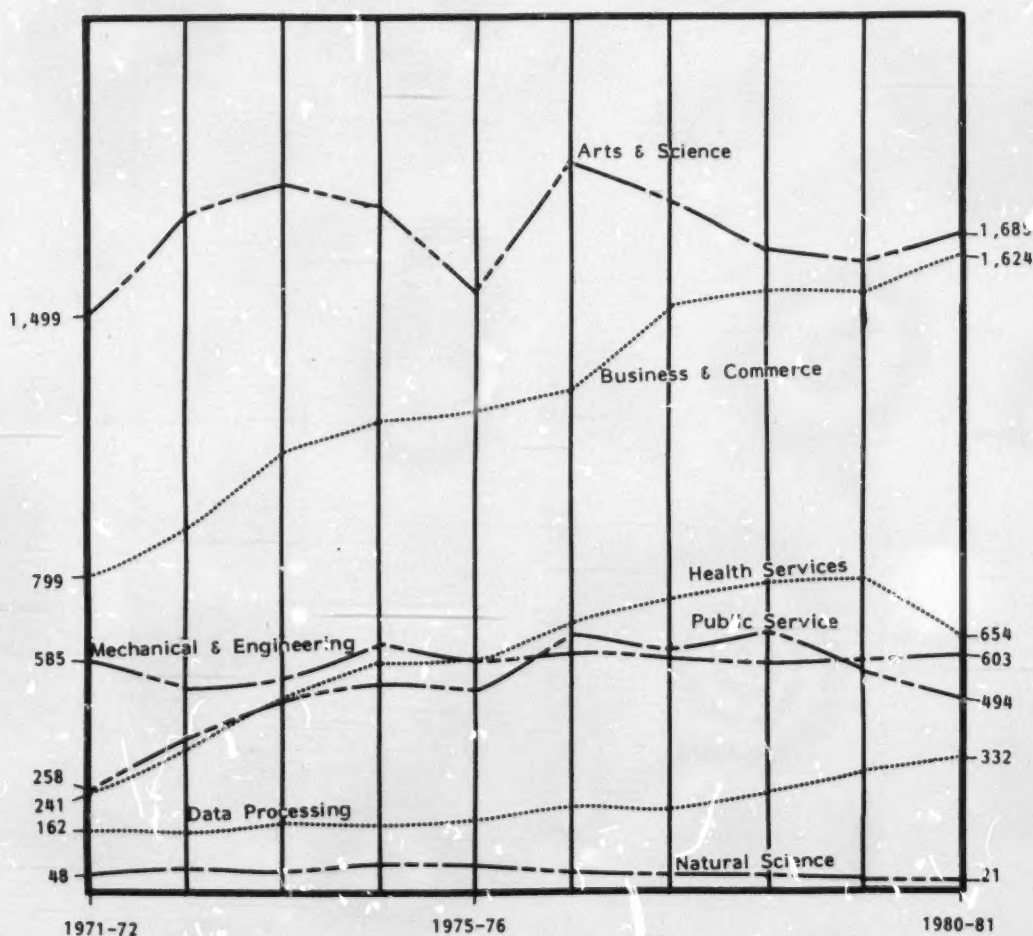
Associates Degrees

Figure 4 shows the trend in associates degrees by discipline categories. Arts and science is the traditional transfer degree. While awards in this discipline have remained predominant over the decade,

FIGURE 4

ASSOCIATES DEGREES AWARDED BY CONNECTICUT INSTITUTIONS OF HIGHER EDUCATION BY DISCIPLINE

1971-72 TO 1980-81



they represented 41.7 percent of all associates degrees in 1971-72, compared to 31.1 percent in 1980-81. In contrast, awards in business and commerce have doubled, representing 22.2 percent of all associates degrees in 1971-72 and 30 percent in 1980-81. There has been considerable growth also in the disciplines of health services and public service, although both disciplines showed declines in the number of degrees awarded in 1980-81 as compared to the previous year. Awards in mechanical and engineering technologies and natural sciences remained steady. Awards in data processing technologies have increased since 1974-75 but still represent only a small proportion of associates degrees.

In 1980-81, 58.5 percent of all associates degrees were awarded by regional community colleges, 18.8 percent by the four-year independent regional institutions, and another 14.1 percent by the state technical colleges. In contrast, the regional community colleges awarded only 42.6 percent of associates degrees in 1970-71, while the state technical colleges awarded 20.2 percent (Table 2).

TABLE 2

ASSOCIATES DEGREES AWARDED BY CONNECTICUT INSTITUTIONS
OF HIGHER EDUCATION BY TYPE OF INSTITUTION AND
DISCIPLINE FOR SELECTED YEARS

Discipline	Regional Community Colleges			State Technical Colleges			Two-Year Independent Institutions			Four-Year Regional Independent Institutions			State Colleges			Charter Oak College		
	70-71	74-75	80-81	70-71	74-75	80-81	70-71	74-75	80-81	70-71	74-75	80-81	70-71	74-75	80-81	70-71	74-75	80-81
Arts & Sciences	770	1,317	1,186	-	-	-	421	213	164	231	141	187	40	36	58	-	58	90
Data Processing	16	39	101	113	117	223	-	-	-	-	7	8	-	-	-	-	-	-
Health Services	78	325	462	-	-	-	-	-	34	151	297	158	-	-	-	-	-	-
Mechanical Engineering	-	4	11	548	485	490	-	-	-	13	32	102	-	-	-	-	-	-
Natural Sciences	1	17	15	-	2	-	-	-	3	-	44	3	-	-	-	-	-	-
Business & Commerce	471	822	1,028	-	6	21	115	136	103	133	241	462	32	5	-	-	-	-
Public Service	75	403	360	-	-	26	6	54	7	23	68	97	16	-	4	-	-	-
TOTAL, All Disciplines	1,811	2,907	3,163	661	610	760	542	403	311	611	830	1,017	88	41	62	-	58	90

In 1980-81, the regional community colleges awarded 70.4 percent of associates degrees in arts and science, 63.3 percent of degrees in business and commerce, 70.6 percent of degrees in health services, and 72.9 percent degrees in public service. The state technical colleges conferred the majority of awards in data processing (67.2%) and mechanical engineering (81.3%) in that same year.

Bachelor's Degrees

Figure 5 shows the trend in degrees conferred at the bachelor's level in selected disciplines. The most significant change over the ten-year period is the persistent decline in the number of education degrees conferred and the concomitant increase in the award of business and management degrees. The rate of decline in awards in education is slowing.

Student demand for programs in business and management continues to increase. Awards in this discipline in 1980-81 increased by 197 from the previous year, the largest increase for any single discipline that year. The number of degrees conferred in social sciences rose in 1980-81, the first increase since the peak of 2,623 in 1971-72. The number of degrees in engineering increased by 82, the third largest area of growth at the bachelor's level in 1980-81.

FIGURE 5

BACHELOR'S DEGREES AWARDED BY CONNECTICUT INSTITUTIONS OF HIGHER EDUCATION IN SELECTED DISCIPLINES

1971-72 TO 1980-81

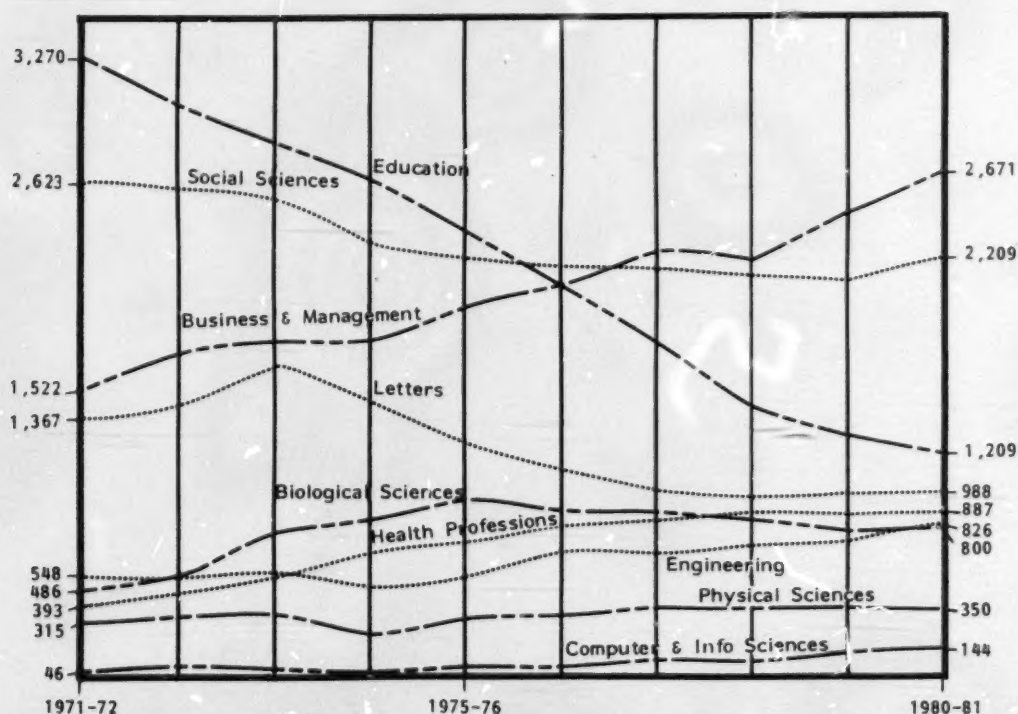


Table 3 compares the number of bachelor's degrees conferred in several disciplines by type of institution for selected years. At each type of institution, the shift from education to business and management is apparent (excluding the four-year national independent institutions which have no education programs at the bachelor's level).

Business and management degrees represented 33.4 percent of the bachelor's degrees awarded by the four-year regional independent institutions in 1980-81, up from 32.9 percent one year earlier and 22.2 percent in 1970-71. This group of institutions awarded 47.7 percent of all bachelor's degrees in business and management in 1980-81 followed by the state colleges with 27.7 percent. Growth in this discipline at the University of Connecticut is limited by the current imposition of a ceiling on the number of students who can enroll in programs in business and management.

TABLE 3

BACHELOR'S DEGREES AWARDED BY CONNECTICUT INSTITUTIONS
OF HIGHER EDUCATION BY TYPE OF INSTITUTION AND DISCIPLINE
FOR SELECTED YEARS

Discipline	University of Connecticut			State Colleges			Four-Year National Independent Institutions			Four-Year Regional Independent Institutions		
	70-71	74-75	80-81	70-71	74-75	80-81	70-71	74-75	80-81	70-71	74-75	80-81
Education	242	308	167	1,624	1,828	889	0	0	0	609	500	153
Business & Management	268	445	584	189	409	740	33	23	36	806	871	1,275
Social Sciences	498	450	415	467	646	521	698	665	915	649	497	346
Letters	305	352	214	248	374	189	439	494	431	480	245	154
Engineering	148	134	255	-	33	111	37	42	51	273	241	341
Health Professions	226	350	335	24	114	128	0	0	0	87	195	424
TOTAL, All Disciplines	2,408	3,208	3,081	3,325	4,393	3,563	2,136	2,409	2,751	3,630	3,634	3,817

The state colleges were considerably less dependent on education as a field of study at the bachelor's level in 1980-81 than ten years earlier. In 1980-81, education degrees represented 25 percent of all their bachelor's degrees, compared to 48.8 percent in 1970-71.

The provision of education programs now rests almost entirely within the public sector, with 87.3 percent of all bachelor's degrees awarded in education in 1980-81. The state colleges alone conferred 73.5 percent of all such awards.

The total number of bachelor's degrees awarded by the state colleges has increased from 3,325 in 1970-71 to 3,563 in 1980-81, with a peak of 4,393 in 1974-75. This compares to an increase at the regional independent institutions from 3,630 in 1970-71 to 3,817 in 1980-81 with a peak of 4,211 in 1973-74. Thus, the pattern of growth and decline in overall numbers of degrees conferred at the bachelor's level has been similar at both types of institutions.

Master's Degrees (Including all other Certificates of Advanced Study)

At the master's level of study, shifts have also occurred among disciplines (Figure 6). Until 1975-76, the number of awards in both education and business and management were increasing. Since 1975-76 when awards in education peaked at 3,337, however, the number of degrees conferred has declined substantially in most years, to the current level of 2,401 in 1980-81. In contrast, awards in business and management have continued to increase to their 1980-81 level of 1,391. Education continues to dominate graduate education, however, with 37.3 percent of all master's level awards in this discipline in the last academic year (1980-81).

Table 4 shows that the four-year regional independent institutions have made a transition from a high dependence on education (in 1970-71, 64.7% of all awards) to more balance in 1980-81 between education (28.4% of all awards) and business and management (41.8% of all awards). This shift has enabled the regional independent institutions to maintain and in some instances even increase enrollment at the graduate level. Education remains the predominant field of graduate study at the state colleges. In 1980-81, 76.1 percent of all graduate awards at the state colleges were in this discipline. The proportion is up from the figure of 74.6 percent just a year ago and is almost identical to the 1970-71 figure of 76.9 percent. Although the percentage of awards in education has remained relatively constant, graduate enrollment at these institutions has been declining as fewer new teachers enter the field and those in the field have earned advanced degrees.

TABLE 4

MASTER'S DEGREES AWARDED BY CONNECTICUT INSTITUTIONS OF HIGHER EDUCATION BY TYPE OF INSTITUTION AND DISCIPLINE FOR SELECTED YEARS

Discipline	University of Connecticut			State Colleges			Four-Year National Independent Institutions			Four-Year Regional Independent Institutions		
	70-71	74-75	80-81	70-71	74-75	80-81	70-71	74-75	80-81	70-71	74-75	80-81
Education	363	359	317	1,163	1,602	1,317	56	37	113	933	1,028	602
Business & Management	177	157	354	0	0	30	0	11	119	137	302	888
TOTAL, All Disciplines	1,094	1,107	1,213	1,512	2,093	1,731	1,065	1,264	1,362	1,441	1,827	2,123

At the graduate level of study, business and management programs in the public sector are offered by the University of Connecticut and Western Connecticut State College. In addition, Central Connecticut State College recently received authorization to initiate a master's degree program in industrial management technology. The independent sector awarded 72.4 percent of business and management degrees at the master's level in 1980-81.

FIGURE 6

MASTER'S DEGREES AWARDED BY CONNECTICUT INSTITUTIONS OF HIGHER EDUCATION IN SELECTED DISCIPLINES

1971-72 TO 1980-81

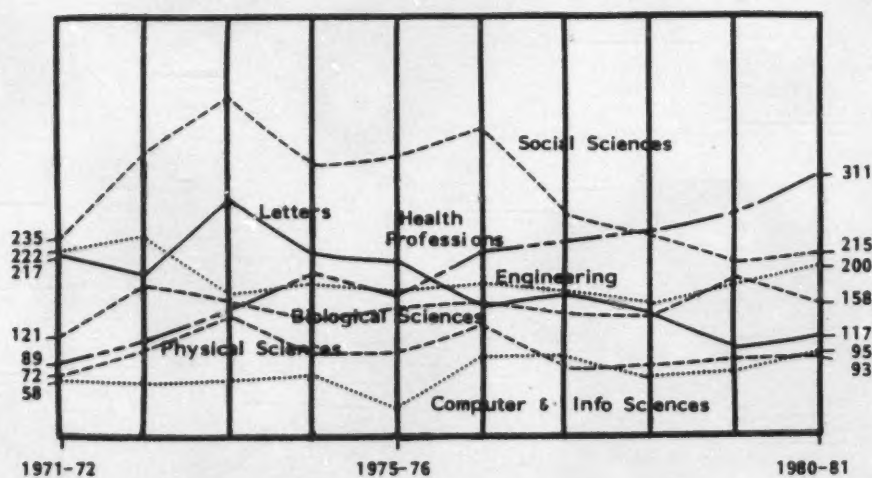
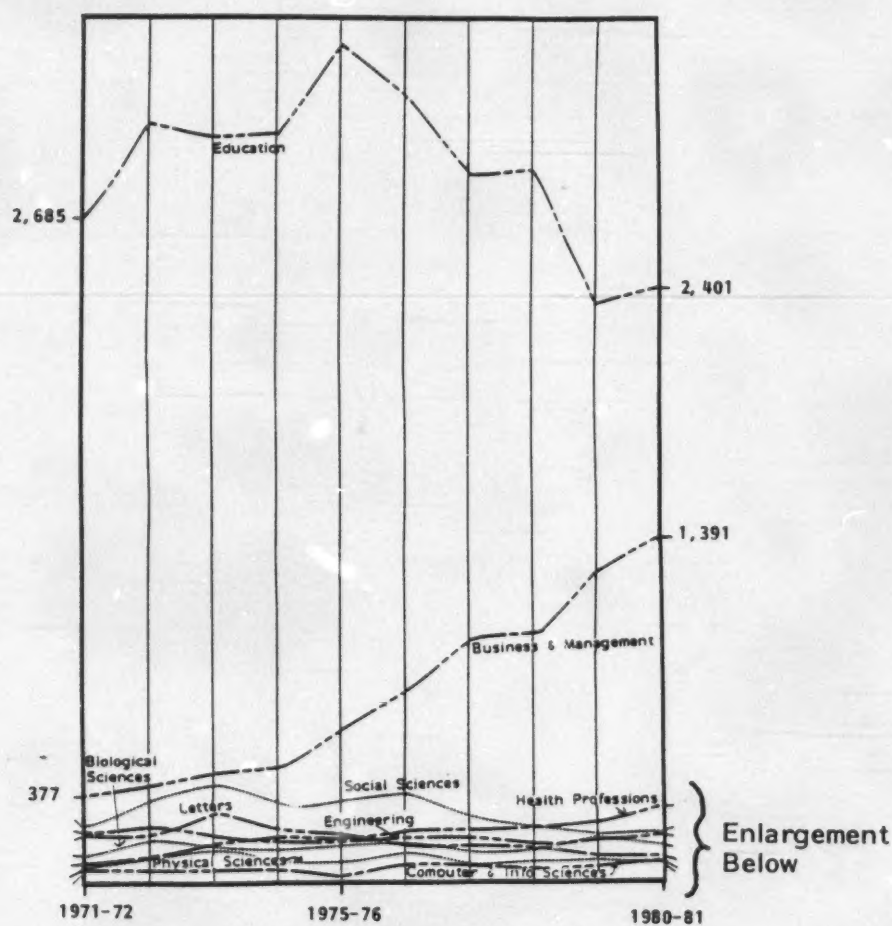


Table 5 summarizes changes in the total number of awards by discipline from 1979-80 to 1980-81. Awards in business and management and business technologies grew the most (+336 and 112 awards, respectively), followed by engineering and social sciences. The largest decline was in law, but this was related to an unusually high number of awards the previous year due to the accreditation of the University of Bridgeport Law School.

TABLE 5

DEGREES CONFERRED BY CONNECTICUT INSTITUTIONS OF HIGHER
EDUCATION BY DISCIPLINE IN 1980-81 AND CHANGE FROM 1979-80

Disciplines	1981	1980	Change	Percent Change
Agriculture and Natural Resources, General	252	297	- 94	-37.3
Architecture and Environmental Design	94	80	14	14.9
Area Studies	195	201	- 6	- 3.1
Biological Sciences	1,039	1,009	30	2.9
Business and Management	4,064	3,728	336	8.3
Communications	318	252	66	20.8
Computer and Information Sciences	246	220	26	10.7
Education	3,667	3,683	- 16	- 0.4
Engineering	1,054	947	107	10.2
Fine and Applied Arts	871	854	17	2.0
Foreign Languages	301	320	- 19	- 6.3
Health Professions	1,452	1,377	75	5.2
Home Economics	228	231	- 3	- 1.3
Law	487	640	-153	-31.4
Letters	1,153	1,144	9	0.8
Library Science	103	123	- 20	-19.4
Mathematics	239	237	2	0.8
Physical Sciences	482	518	- 36	- 7.5
Psychology	934	954	- 20	- 2.1
Public Affairs & Services	684	680	4	0.6
Social Sciences	2,504	2,397	107	4.3
Theology	192	192	0	0
Interdisciplinary Studies	419	415	4	0.9
Business and Commerce Technologies	1,712	1,600	112	6.5
Data Processing Technologies	356	305	51	14.3
Health Services and Paramedical Technologies	712	806	- 94	-13.2
Mechanical and Engineering Technologies	675	694	- 19	- 2.8
Natural Science Technologies	62	79	- 17	-27.4
Public Service Related Technologies	537	600	- 63	-11.7
Arts and Science or General Programs	1,688	1,631	57	3.4
Master of Philosophy	219	203	16	7.3
TOTAL	26,939	26,417	522	1.9

III. AWARDS BY MINORITY STATUS

Minority students received 5.6 percent of all awards in 1980-81, compared to 5.2 percent in 1978-79 and 4.9 percent in 1975-76. Table 6 shows the representation of minority students among degree recipients by level for those years for which data are available. Minority students increased their representation among degree recipients at all levels except associates and first-professional from 1979 to 1981.

TABLE 6

PROPORTION OF DEGREES CONFERRED TO MINORITY STUDENTS
BY CONNECTICUT INSTITUTIONS OF HIGHER EDUCATION
BY LEVEL FOR SELECTED YEARS

	Certificates	Associates	Bachelor's	Master's	Doctoral	First- Professional	Total
1980-81	6.6%	7.2%	5.0%	4.9%	5.6%	7.3%	5.6%
1978-79	5.2%	8.1%	4.6%	3.4%	5.0%	8.6%	5.2%
1975-76	14.4%	6.8%	4.6%	3.8%	2.9%	7.2%	4.9%

Table 7 shows awards by discipline and minority status for 1980-81, while Table 8 shows the proportion of awards to minority students in selected disciplines in 1978-79 and 1980-81. Minority students have increased their representation among degree recipients in some disciplines while decreasing representation in others. The most dramatic change is in the award of doctoral degrees in education. Nearly 20 percent went to minority students in 1980-81. Of the 27 doctoral degrees awarded to minority students in 1980-81, 40.7 percent were in the field of education. Minority students continue to be well represented at the postgraduate level, especially among first-professional degree recipients. This is especially true when their historically low representation among bachelor's degrees recipients is taken into account. Minority students who complete bachelor's degrees are more likely to continue for postgraduate education than non-minority bachelors recipients.

IV. AWARDS BY GENDER

Women received 52.5 percent of all awards in 1980-81, compared to 51.6 percent one year earlier. Women have systematically increased their representation at all levels during the last decade. Of particular interest is the fact that in 1980-81, women were 33.7 percent of all recipients of first-professional degrees, compared to 9.4 percent a decade earlier. At the doctoral level, the proportion of women among recipients was 34.2 percent in 1980-81, compared to 15 percent ten years earlier (Table 9).

TABLE 7

**DEGREES CONFERRED BY CONNECTICUT INSTITUTIONS OF HIGHER
EDUCATION BY DISCIPLINE, LEVEL AND MINORITY STATUS
1980-81**

Discipline	CERTIFICATES			ASSOCIATES		
	Minority	Non-Minority	Total	Minority	Non-Minority	Total
Arts and Science or General Programs	1	2	3	136	1,549	1,685
Business and Commerce Technologies	11	87	98	119	1,495	1,614
Data Processing Technologies	2	22	24	19	313	332
Health Services and Paramedical Technologies	2	56	58	18	636	654
Mechanical and Engineering Technologies	3	69	72	32	571	603
Natural Science Technologies	1	40	41	2	19	21
Mechanical and Engineering Technologies	9	34	43	61	433	494
TOTAL	29	15	339	387	5,016	5,403

Discipline	BACHELOR'S			MASTER'S			DOCTORAL			FIRST-PROFESSIONAL		
	Minority	Non-Minority	Total	Minority	Non-Minority	Total	Minority	Non-Minority	Total	Minority	Non-Minority	Total
Agriculture and Natural Resources	4	180	184	1	67	68	1	4	5	-	-	-
Architecture and Environmental Design	5	30	35	2	49	51	-	-	-	-	-	-
Area Studies	14	143	157	1	28	29	1	8	9	-	-	-
Biological Sciences	62	738	800	9	100	109	6	77	83	-	-	-
Business and Management	112	2,559	2,671	62	1,329	1,391	0	2	2	-	-	-
Communications	14	238	252	2	64	66	-	-	-	-	-	-
Computer and Information Sciences	5	139	144	1	94	95	0	7	7	-	-	-
Education	41	1,168	1,209	119	2,282	2,401	11	46	57	-	-	-
Engineering	25	801	826	6	194	200	3	25	28	-	-	-
Fine and Applied Arts	17	559	576	9	263	272	0	23	23	-	-	-
Foreign Languages	19	208	227	2	43	45	2	27	29	-	-	-
Health Professions	24	863	887	28	283	311	0	15	15	24	215	239
Home Economics	8	206	214	0	13	13	0	1	1	-	-	-
Law	1	16	17	2	24	26	0	4	4	28	412	440
Letters	52	936	988	3	114	117	0	48	48	-	-	-
Library Sciences	0	12	12	-	87	87	-	-	-	-	-	-
Mathematics	11	185	196	1	29	30	0	13	13	-	-	-
Physical Sciences	17	333	350	3	90	93	0	39	39	-	-	-
Psychology	40	681	721	4	174	178	1	34	35	-	-	-
Public Affairs and Services	34	374	408	24	252	276	-	-	-	-	-	-
Social Sciences	153	2,056	2,209	15	200	215	4	76	80	-	-	-
Theology	-	-	-	4	64	68	0	7	7	6	111	117
Interdisciplinary Studies	20	378	398	1	20	21	-	-	-	-	-	-
Master of Philosophy	-	-	-	15	204	219	-	-	-	-	-	-
TOTAL	678	12,811	13,489	318	6,111	6,429	27	458	485	58	738	796

TABLE 8

**PROPORTION OF DEGREES CONFERRED TO MINORITY STUDENTS
BY CONNECTICUT INSTITUTIONS OF HIGHER EDUCATION
IN SELECTED DISCIPLINES, 1978-79 AND 1980-81**

	Associates		Bachelor's		Master's		Doctoral		First-Professional	
	1978-79	1980-81	1978-79	1980-81	1978-79	1980-81	1978-79	1980-81	1978-79	1980-81
Business & Management	-	-	3.7%	4.2%	2.3%	4.5%	0%	0%	-	-
Computer & Info Sciences	-	-	8.0%	3.5%	5.0%*	1.0%*	14.3%*	0%	-	-
Education	-	-	3.0%	3.4%	2.4%	5.0%	3.3%*	19.3%	-	-
Engineering	-	-	2.8%	3.0%	1.9%	3.0%	0%	10.7%*	-	-
Health Professions	-	-	1.6%	2.7%	5.8%	9.0%	8.3%*	0%	11.8%	10.0%
Law	-	-	0%	0%	0%	0%	0%	0%	7.0%	6.4%
Mathematics	-	-	4.1%	5.6%	5.3%	3.3%	0%	0%	-	-
Social Sciences	-	-	5.9%	6.9%	5.9%	7.0%	0%	5.0%*	-	-
Arts & Science	9.5%	8.1%	-	-	-	-	-	-	-	-
Business & Commerce	7.9%	7.4%	-	-	-	-	-	-	-	-
Data Processing	6.5%	5.7%	-	-	-	-	-	-	-	-
Health Services	4.6%	2.8%	-	-	-	-	-	-	-	-
Mechanical Engineering	5.7%	5.3%	-	-	-	-	-	-	-	-
Natural Sciences	18.9%	9.5%	-	-	-	-	-	-	-	-
Public Service	11.1%	12.3%	-	-	-	-	-	-	-	-
ALL DISCIPLINES	8.1%	7.2%	4.6%	5.0%	3.4%	4.9%	5.0%	5.6%	8.6%	7.3%

*Represents less than 5 awards to minority students.

TABLE 9

PROPORTION OF DEGREES CONFERRED TO WOMEN BY CONNECTICUT
INSTITUTIONS OF HIGHER EDUCATION BY LEVEL
FOR SELECTED YEARS

	Certificates	Associates	Bachelor's	Master's	Doctoral	First- Professional	Total
1980-81	63.4%	60.9%	50.6%	52.4%	34.2%	33.7%	52.5%
1975-76	35.3%	50.3%	47.1%	51.6%	23.0%	21.8%	47.6%
1970-71	7.7%	35.6%	43.2%	45.9%	15.0%	9.4%	40.7%

Table 10 shows awards by discipline and gender for 1980-81. At the bachelor's level, the largest number of degrees conferred to women in 1980-81 was in business and management, the first year that education was not the most popular discipline. Women received the majority of doctoral degrees in education for the first time in 1980-81. They continue to dominate the field of education at other levels of study and health professions and services at the master's level and below. Women are most underrepresented in the engineering fields of study although awards at the master's level increased from 5 in 1979-80 to 17 in 1980-81.

TABLE 10

DEGREES CONFERRED BY CONNECTICUT INSTITUTIONS OF
HIGHER EDUCATION BY DISCIPLINE, LEVEL AND GENDER
1980-81

Discipline	CERTIFICATES			ASSOCIATES		
	Men	Women	Total	Men	Women	Total
Arts and Science or General Programs	2	1	3	637	1,048	1,685
Business and Commerce Technologies	22	76	98	528	1,086	1,614
Data Processing Technologies	13	11	24	170	162	332
Health Services and Paramedical Technologies	0	58	58	64	590	654
Mechanical and Engineering Technologies	57	15	72	550	53	603
Natural Science Technologies	19	22	41	8	13	21
Public Service Related Technologies	11	32	43	152	342	494
TOTAL	124	215	339	2,109	3,294	5,403

Discipline	BACHELOR'S			MASTER'S			DOCTORAL			FIRST- PROFESSIONAL		
	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total
Agriculture and Natural Resources	98	86	184	42	21	63	4	1	5	-	-	-
Architecture and Environmental Design	31	12	43	38	13	51	-	-	-	-	-	-
Area Studies	59	98	157	13	16	29	2	7	9	-	-	-
Biological Sciences	395	405	800	92	66	158	51	30	81	-	-	-
Business and Management	1,700	971	2,671	1,024	367	1,391	1	1	2	-	-	-
Communications	117	135	252	35	31	66	-	-	-	-	-	-
Computer and Information Sciences	104	40	144	68	27	95	6	1	7	-	-	-
Education	265	944	1,209	666	1,735	2,401	25	32	57	-	-	-
Engineering	771	55	826	183	17	200	26	2	28	-	-	-
Fine and Applied Arts	198	378	576	139	133	272	15	8	23	-	-	-
Foreign Languages	57	170	227	14	31	45	15	14	29	-	-	-
Health Professions	141	746	887	75	236	311	11	4	15	175	64	239
Home Economics	9	205	214	3	10	13	0	1	1	-	-	-
Law	6	11	17	17	9	26	4	0	4	285	155	440
Letters	414	574	988	54	63	117	31	17	48	-	-	-
Library Science	1	11	12	12	79	91	-	-	-	-	-	-
Mathematics	116	80	196	15	15	30	11	2	13	-	-	-
Physical Sciences	241	109	350	69	24	93	32	7	39	-	-	-
Psychology	229	492	721	72	106	178	17	18	35	-	-	-
Public Affairs and Services	181	227	408	103	173	276	-	-	-	-	-	-
Social Sciences	1,329	880	2,209	136	79	215	60	20	80	-	-	-
Theology	-	-	-	36	32	68	7	0	7	63	49	117
Interdisciplinary Studies	206	192	398	8	13	21	-	-	-	-	-	-
Master of Philosophy	-	-	-	145	74	219	-	-	-	-	-	-
TOTAL	6,668	6,821	13,489	3,059	3,370	6,429	318	165	483	528	268	796